

WHAT IS CLAIMED IS:

1. A method for manufacturing a three-dimensional molded blade,
comprising a press molding process including:

providing a shaping mold having a top formed with a
three-dimensional cavity;

placing a molded layer in the shaping mold and located above the
cavity;

inserting a press mold into the shaping mold; and

heat pressing the molded layer between the press mold and the
shaping mold during a period of time, thereby forming a three-dimensional
molded layer in the cavity of the shaping mold.

2. The method in accordance with claim 1, wherein the molded blade
comprises a three-dimensional molded layer, and a substrate mounted on a
bottom of the molded layer.

3. The method in accordance with claim 1, wherein the shaping mold
is made of a flexible material.

4. The method in accordance with claim 1, wherein the shaping mold
is made of a rubber.

5. The method in accordance with claim 1, wherein the shaping mold
is heated to the temperature of 180°C.

6. The method in accordance with claim 1, wherein the press mold is
heated to the temperature of 100°C.

1 7. The method in accordance with claim 1, wherein the molded layer
2 is heat pressed between the press mold and the shaping mold during about
3 three minutes.

4 8. The method in accordance with claim 1, further comprising a
5 bonding process:

6 removing the three-dimensional molded layer from the cavity of the
7 shaping mold; and

8 bonding the three-dimensional molded layer on a substrate, so that
9 the three-dimensional molded layer is combined with the substrate integrally.

10 9. The method in accordance with claim 8, further comprising a
11 cutting process:

12 cutting the rim of combination of the three-dimensional molded layer
13 and the substrate, thereby forming a three-dimensional molded blade.

14 10. The method in accordance with claim 8, wherein the molded
15 layer forms an arch-shaped structure on the surface of the substrate.